






**DUZTEC ENGINEERING PVT. LTD.** aims at providing the highly efficient dust suppression solutions with technology expertise from Sweden and Germany. Our vision is to use the modern technologies to minimize the amount of dust emissions and make the environment better.

### BUSINESS VERTICALS

- Dust Suppression
- Ultrafine Mist Solutions
- Waste Water Evaporation
- Disinfection / Sanitization & Agricultural Products
- Agency Products

### INDUSTRIES SERVED

-  Steel and Metals
-  Cement and Mining
-  Construction
-  Coal Handling
-  Stone Crusher
-  Bulk Material Handling ( RHMS )

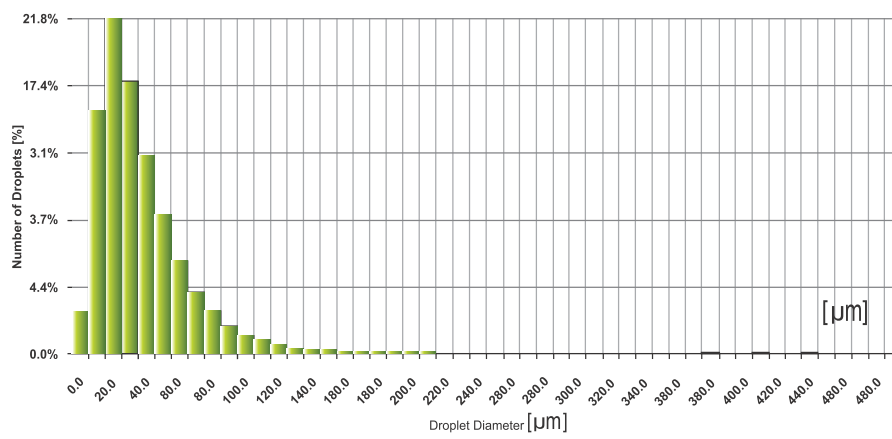


### FEATURES

- ▶ Hot-dip Galvanized Chassis
- ▶ Aerodynamically designed Barrel
- ▶ Low Noise Fans
- ▶ Stainless Steel Nozzles
- ▶ Adjustable Water Flow
- ▶ Guaranteed Throw Distance (windless condition)
- ▶ Automated Programming: Horizontal Swing & Vertical Tilt
- ▶ Energy Efficient
- ▶ Compact & Portable

### APPLICATIONS

- ▶ Dust Suppression
- ▶ Humidification
- ▶ Sprinkling
- ▶ Cooling
- ▶ Mass Sanitization
- ▶ Tippling Haul Road
- ▶ Dump Yard Bunkers
- ▶ Demolition and Construction Work
- ▶ Material Handling
- ▶ Bulk Processing



**Lechler Ruby Tip & MFC Nozzle Droplet Diameter**

Droplet Size: 10-150 microns

Mean Droplet Size: 70 microns

Specification	Base
Throw Windless Direction (m)	15-25
Fan Motor (kW)	3.7
Pump (kW)	5.5
Pump Type	Horizontal
Total Power Consumption (kW)	11
Flow Rate (lpm)	36
Working Pressure (Bar)	70
Spray Nozzle Configuration	Cluster Head
Nozzle	Lechler Precision Spray nozzle (long life)
Elevation – 0 to 60 deg	Manual
Turning System – 0 – 45 deg	Electric Oscillation
Control Panel with Logic	Buttons
Remote Control (up to 100 m free range)	N/A
Supply Voltage (VAC/Hz)	415/50
Inlet Pressure (Bar) (Min/Max)	02/10
Water Connection(BSP) – Swivel Fit	1"
Water Filter	10 microns, 10" long cartridge
Drain Valve	Yes
Pressure Gauge	Yes
Pressure Switch	Yes
Electric Ball Valve (incoming line closing)	Yes
Wheels	N/A
Incoming Hose Pipe (1" Swivel fit)	5m
Electrical Main Supply Wire	5m
Dry weight (Kgs)	225
Dimension L(m) x b(m) x w(m)	0.9 x 0.9 x 2.1
Operating Temperature (deg)	5 to 60
Optional	Dust Sensor
	Dosing System
	Platform Elevation

\*Specifications can be altered as a part of continuous development.



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